Nebraska Department of Roads

Planning and Project Development

Hazardous Materials Memorandum

Date: March 11, 2016

To: Ryan Walkowiak, Highway Environmental/NEPA Specialist, Planning and Project Development

From: Will Packard, Highway Environmental Specialist, Planning and Project Development

Subject: Hazardous Materials Review Memo for the NDOR Project Stamford East & West (C.N. 70838).

Overview

A hazardous materials review (HMR) was completed by HDR for the Stamford East & West project and approved by NDOR on August 10, 2015. The purpose of the HMR is to identify environmental concerns associated with hazardous materials and petroleum products which could potentially be encountered during the construction project. This memo summarizes the conclusions and applicable mitigation measures found in the HMR and assists the Environmental Documents manager in completing the Hazardous Materials section of the CE Determination Form for Federal-Aid Projects.

Hazardous Material Sites and Impacts

The HMR identified one facility within the hazardous materials study area where a release had occurred. The petroleum release was related to an underground storage tank. Based on shallow excavations for NDOR construction and distance from the facility to the project, there is a low potential of encountering contamination during construction. In addition, no Superfund sites were identified near the project.

After the HMR was approved, the project description was updated extending the project limits to Mile Marker (MM) 58.85 in order to include the removal of a railroad crossing. This extension does not change the conclusion of the HMR because no additional facilities were identified within 0.1 miles of the new project limits.

Asbestos

Structure Numbers S089-05267, S089-05367, S089-05581 and S089-05737 have been tested for the presence of asbestos. The results were found to be negative; therefore, it is unlikely that these structures contain asbestos. This negative result relieves the contractor from National

Emission Standards for Hazardous Air Pollutants (NESHAP) reporting requirements, and NDOR will complete the NESHAP reporting for this contract. No asbestos commitments are required

Lead Commitments

There is potential for lead based paint to be found on the bridge's painted components. If the method of removal of the components generates paint debris, the waste shall be handled in accordance with NDOR's Standard Specification for Highway Construction Section 732 (Lead-based Paint Removal) and Title 128, Nebraska Hazardous Waste Regulations. Extreme caution shall be taken to minimize the amount of potential lead based painted material or debris from causing or threatening to cause pollution of the air, land and waters of the State. The Contractor shall recycle any lead bearing plates and/or lead shims at a legitimate recycling facility as found in paragraph 3 (environmental requirements) in Section 203.01 of the Standard Specification for Highway Construction and in accordance with Title 128, Nebraska Hazardous Waste Regulations. The Contractor's implementation plan efforts shall be documented in ECOD.

Unexpected Waste Commitment

The contractor and the NDOR District will adhere to the following commitment:

If contaminated soils and/or water or hazardous materials are encountered, then all work within the immediate area of the discovered hazardous material shall stop until NDOR/FHWA is notified and a plan to dispose of the Hazardous Materials has been developed. Then NDEQ shall be consulted and a remediation plan shall be developed for this project. The potential exists to have contaminants present resulting from minor spillage during fueling and service associated with construction equipment. Should contamination be found on the project during construction, the NDEQ shall be contacted for consultation and appropriate actions to be taken. The Contractor is required by NDOR's Standard Specification section 107 (legal relations and responsibilities to the public) to handle and dispose of contaminated material in accordance with applicable laws (NDOR District, Contractor).

Sincerely,

Will Packard

3/1/16

Name Date

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